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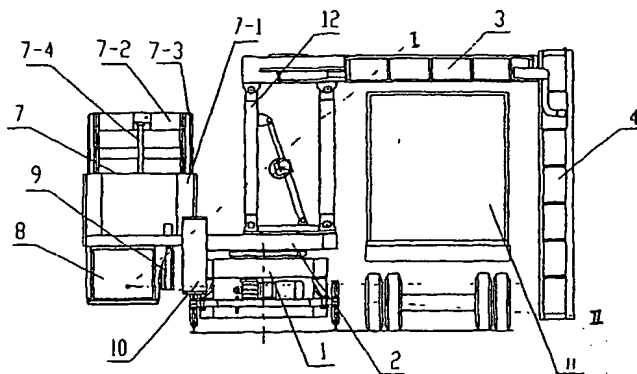
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本国际公布:
— 包括国际检索报告。

所引用双字母代码和其它缩写符号, 请参考刊登在每期PCT公报期刊起始的“代码及缩写符号简要说明”。

(54) Title: A COMBINED MOBILE CONTAINER INSPECTION SYSTEM WITH LOW TARGET

(54) 发明名称: 组合移动式低靶点集装箱检查系统



(57) Abstract: A combined mobile container inspection system with low target relates to the field of radiation scan imaging detection technique. When the system is used, the rotatable platform on the chassis rotates with 90 deg. The gantry mounting consisting of a parallelogram support, a horizontal cross arm and a vertical erect arm crosses over the container being detected, and moves parallel according to the signal emitted from the remote control device. The sliding platform on the back end of the rotatable platform moves down to lower the radiation target emitted from the radiation source, the corrector and the collimator. The fan-shaped x-ray beam emitted from the radiation source penetrating through the container being inspected at low position is detected by the detectors mounted in the horizontal cross arm and the vertical erect arm, so as to produce electric-signals and sends thereof to the image acquisition module in the device cabin, and the electric-signals are transmitted to the operation/inspection device at last. The results are displayed on the remote control computer screen. Compared with the available technology, the present invention has the features of wide scan range, easy install, convenience in movement, high efficiency, low cost, safety, and high quality image.

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